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## Search Results - Record(s) 1 through 5 of 5 returned.

☒ 1. Document ID: US 6524626 B2

L31: Entry 1 of 5

File: USPT

Feb 25, 2003

US-PAT-NO: 6524626

DOCUMENT-IDENTIFIER: US 6524626 B2

TITLE: Ginseng berry topical products

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 6323211 B1

L31: Entry 2 of 5

File: USPT

Nov 27, 2001

US-PAT-NO: 6323211

DOCUMENT-IDENTIFIER: US 6323211 B1

TITLE: Compositions and methods for treating sexual dysfunctions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 6238672 B1

L31: Entry 3 of 5

File: USPT

May 29, 2001

US-PAT-NO: 6238672

DOCUMENT-IDENTIFIER: US 6238672 B1

TITLE: Dietary supplements containing dehydrated cactus fruit juice and ginseng berry juice

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 6210738 B1

L31: Entry 4 of 5

File: USPT

Apr 3, 2001

US-PAT-NO: 6210738

DOCUMENT-IDENTIFIER: US 6210738 B1

TITLE: Freeze-dried ginseng berry tea

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 5. Document ID: US 6056971 A

L31: Entry 5 of 5

File: USPT

May 2, 2000

US-PAT-NO: 6056971

DOCUMENT-IDENTIFIER: US 6056971 A

TITLE: Method for enhancing dissolution properties of relatively insoluble dietary supplements and product incorporating same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMC	Draw Desc	Image
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Term	Documents
(27 NEAR 25).P66-P131.	5
(L25 NEAR L27).USPT.	5

**Display Format:**

TI

Change Format

[Previous Page](#)

[Next Page](#)

=> e ginsenoside Re

E1	7	GINSENOL/BI
E2	130	GINSENOSIDE/BI
E3	0 -->	GINSENOSIDE RE/BI
E4	1	GINSENOSIDES/BI
E5	22	GINSENOYNE/BI
E6	3	GINSOFT/BI
E7	1	GINSTAR/BI
E8	1	GINSTASAN/BI
E9	3	GINT/BI
E10	3	GINTECK/BI
E11	1	GINTEGER/BI
E12	1	GINTIPET/BI

=> s e2

L4 130 GINSENOSIDE/BI

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED  
COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	5.42	18.78

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,  
BIOBUSINESS,

BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,  
CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE,  
DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 12:07:49 ON 01 APR 2003

66 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view  
search error messages that display as 0\* with SET DETAIL OFF.

=> L3

3 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX

L5 QUE L3

=> L4

25	FILE ADISCTI
4	FILE ADISINSIGHT
1	FILE ADISNEWS
159	FILE AGRICOLA
131	FILE ANABSTR
1	FILE AQUASCI
87	FILE BIOBUSINESS
1	FILE BIOCOTMERCE
920	FILE BIOSIS
80	FILE BIOTECHABS
80	FILE BIOTECHDS
100	FILE BIOTECHNO
401	FILE CABA
121	FILE CANCERLIT
1806	FILE CAPLUS

KAILASH C. SRIVASTAVA

7 FILE CEABA-VTB  
1 FILE CEN  
3 FILE CIN  
14 FILE CONFSCI  
78 FILE DDFB  
397 FILE DDFU  
24 FILE DGENE  
78 FILE DRUGB  
6 FILE DRUGLAUNCH  
407 FILE DRUGU  
12 FILE EMBAL  
708 FILE EMBASE  
232 FILE ESBIODBASE  
10 FILE FEDRIP  
63 FILE FROSTI  
91 FILE FSTA  
11 FILE GENBANK  
51 FILE IFIPAT  
198 FILE JICST-EPLUS  
2 FILE KOSMET  
70 FILE LIFESCI  
1 FILE MEDICONF  
635 FILE MEDLINE  
5 FILE NTIS  
7 FILE NUTRACEUT  
326 FILE PASCAL  
52 FILES SEARCHED...  
1 FILE PHAR  
1 FILE PHIN  
56 FILE PROMT  
667 FILE SCISEARCH  
442 FILE TOXCENTER  
121 FILE USPATFULL  
5 FILE USPAT2  
2 FILE VETU  
184 FILE WPIDS  
184 FILE WPINDEX

51 FILES HAVE ONE OR MORE ANSWERS,

L6 QUE L4

23 FIL

3 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX  
L7 QUE L5 AND L6

62 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX  
L8 QUE (PANAX GINSENG OR PANAX QUINQUEFOLIUS OR PANAX QUINQUE? OR PANAX? OR  
G  
INSENG OR AMERICAN GINSENG OR KOREAN GINSENG OR CHINESE GINSENG OR  
RUS  
SIAN GINSENG)

55 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX  
L9 QUE (GINSENOSIDE OR AGLYCONE-PROTOPANAXYTRIOL OR  
AGLYCONE-PROTOPANAXYDIOL

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OR PANAXOSIDE OR TRITERPENE GLYCOSIDE)

65 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX  
L10 QUE BERRY OR FRUIT OR ((BERRY OR FRUIT) (5N) EXTRACT)

L11 37 FILES HAVE ONE OR MORE ANSWERS

26 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX  
L12 QUE L8 (L) L11

51 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX  
L13 QUE (TREAT (5N) (OBESITY OR OBESE?))

1 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX  
L14 QUE L12 (L) L13

37 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX  
L15 QUE (TREAT (5N) (DIABETES OR HYPERGLYCEMIA OR HIGH BLOOD GLUCOSE OR  
HIGH

BLOOD SUGAR OR NON-INSULIN DEPENDENT DIABETES OR INSULIN  
NON-DEPENDENT  
DIABETES OR TYPE II DIABETES))

2 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX  
L17 QUE (DIABETES OR DIABETES MELLITUS OR TYPE II DIABETES OR HYPERGLYCEMIA  
OR  
TIIDM) (5N) GINSENG BERRY

2 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX  
L18 QUE L17

=> d rank

F1	1	PHIN
F2	1	PROMT

=> file f1-f2

L19 2 L17

AN 2002:11425 PHIN  
DN B00757078  
DED 28 May 2002  
TI Ginseng source for anti-diabetic drugs  
SO Bioventure-View (2002) No. 1711 p12  
DT Newsletter  
FS FULL

L19 ANSWER 2 OF 2 PROMT COPYRIGHT 2003 Gale Group

AN 2002:318500 PROMT  
TI Ginseng source for anti-diabetic drugs. (Product News).(type 2 diabetes  
treatment)(Brief Article)  
AU Virji; Jeganathan, Sukaina  
SO BioVenture View, (28 May 2002) Vol. 17, No. 11, pp. 12(1).

KAILASH C. SRIVASTAVA

ISSN: ISSN: 0892-1903.  
PB Pharmabooks Ltd.  
DT Newsletter  
LA English  
WC 340

\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

AB The ginseng berry could provide novel drugs for the treatment of type 2 diabetes and obesity, say researchers from the University of Chicago's Tang Center for Herbal Medicine Research. They have shown that an extract from the fruit of the ginseng plant can control glucose levels, increase sensitivity to insulin, lower cholesterol levels and control weight gain by reducing appetite and increasing activity, in mice bred to develop diabetes.

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L19 ANSWER 1 OF 2 PHIN COPYRIGHT 2003 PJB

AN 2002:11425 PHIN  
DN B00757078  
DED 28 May 2002  
TI Ginseng source for anti-diabetic drugs  
SO Bioventure-View (2002) No. 1711 p12  
DT Newsletter  
FS FULL

TX The ginseng berry could provide novel drugs for the treatment of type 2 diabetes and obesity, say researchers from the University of Chicago's Tang Center for Herbal Medicine Research. They have shown that an extract from the fruit of the ginseng plant can control glucose levels, increase sensitivity to insulin, lower cholesterol levels and control weight gain by reducing appetite and increasing activity, in mice bred to develop diabetes.

TX Ginseng root has been used in traditional Chinese medicine for over 2000 years, but the latest study, published in **Diabetes** (June) focused on **ginseng berry**. "[It] has a distinctive chemical profile and has not previously been used for therapy," said Dr Chun-Su Yuan, study director. "We were stunned by how different the berry is from the root and by how effective it is in correcting the multiple metabolic abnormalities associated with diabetes," he added.

TX The researchers also studied one particular substance isolated from the extract, known as ginsenoside Re, and found that it had all of the anti-diabetic but none of the anti-obesity activity of the extract. "The next step is to isolate the other substances in the extract, find out whether they also affect glucose regulation or weight gain, learn how they work and determine the safe and effective dose, said Yuan.

TX ...Viral Link To Diabetes. In unrelated work, also published in Diabetes, UK researchers at the immunology department at Guy's, King's and St Thomas' School of Medicine, have discovered a causal link between viral infection and type 1 diabetes. They found a marked difference between the way healthy individuals and those newly diagnosed with the disease responded to peptides of the Coxsackie B4 virus (CVB4). Using a strain of the virus recovered from the pancreas of a child with type 1 diabetes, researchers grew up parts of the virus and found them to stimulate the

immune system very readily in type 1 diabetics, suggesting that the diabetics had been exposed to the virus in the past. The work could form the basis of a vaccine against type 1 diabetes. BIOVENTURE VIEW FILED 28 May 2002 COPYRIGHT 2002 PJB Publications Ltd

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## WEST Search History

DATE: Tuesday, April 01, 2003

**Set Name Query**  
side by side

**Hit Count Set Name**  
result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

L7 L4 and (diabetes or hyperglycemi\$3 or hypoglycem\$3 or blood glucose or blood sugar)

6 L7

*DB=USPT,PGPB,JPAB,EPAB; PLUR=YES; OP=ADJ*

L6 L5 and (diabetes or hyperglycemi\$3 or hypoglycem\$3 or blood glucose or blood sugar)

1 L6

L5 ((ginseng or Panax) near2 (fruit or berry)) same extract\$4

16 L5

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

L4 ((ginseng or Panax) near2 (fruit or berry)) same extract\$4

61 L4

L3 L2

6 L3

*DB=USPT; PLUR=YES; OP=ADJ*

L2 ((ginseng or Panax) near2 (fruit or berry)) same extract\$4

6 L2

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

L1 (ginseng or Panax) near3 berry

42 L1

END OF SEARCH HISTORY



**WEST****End of Result Set**

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L7: Entry 6 of 6

File: DWPI

Oct 17, 1995

DERWENT-ACC-NO: 1995-390277

DERWENT-WEEK: 199550

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TITLE: New glycoside(s) derived from fruit extract of Ginseng Radix - used as health food and for treating arteriosclerosis, diabetes mellitus and hyperlipaemia etc.

PATENT-ASSIGNEE: ITBS KK (ITBSN)

PRIORITY-DATA: 1994JP-0063443 (March 31, 1994)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 07267977 A	October 17, 1995		005	C07H001/08

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 07267977A	March 31, 1994	1994JP-0063443	

INT-CL (IPC): A23 G 3/00; A23 L 1/30; A61 K 35/78; C07 H 1/08

ABSTRACTED-PUB-NO: JP 07267977A

## BASIC-ABSTRACT:

Glycosides comprise the fruit extract of Ginseng Radix (Panax ginseng) formed in purified and dried powder of the extract.

Also claimed is the prepn. of the glycosides by removing the residue from the fruit of Ginseng Radix from which the seeds have been removed, adjusting the processed fruit to pH 8.0 with ammonia, extracting the fruit with EtOH, drying the extract, condensing to form a paste, and drying the condensed paste in vacuo to yield powder.

Also claimed is a health food comprising the fruit extract powder of Ginseng Radix sealed together with a sugar soln. in an envelope comprising 2 layers of chocolate and sugar.

USE - The prod. is used to treat (1) loss of mental power and vitality caused by ageing (2) blood vessel diseases in the heart and brain; (3) arteriosclerosis and hyperlipaemia; (4) hypoplastic anaemia; (5) hypoplasia in infants; (6) diabetes mellitus; (7) nocturnal enuresis and climatic difficulties; (8) depilation and (9) increase of body temp. The product may be formulated into health food (e.g. chocolate bonbon) or tablets.

In an example, the fruit paste (1,000 kg) of Ginseng Radix from which the seed had been removed was adjusted to pH 8.0 with ammonia and extracted with 300-500 EtOH. The extract was condensed at 80-90 deg.C for 240 min. to give 4 kg condensed paste or 20% moisture content. It was dried in vacuo at 40-60 deg.C to yield 1 kg powder of Ginseng Radix glycoside (5% water content: 70-80% active component by wt.)

ABSTRACTED-PUB-NO: JP 07267977A

## EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/4

DERWENT-CLASS: B04 D13

CPI-CODES: B04-A07E; B04-A10G; B12-M11G; B14-E11; B14-F02; B14-F06; B14-F07; B14-H01B;  
B14-J01A4; B14-N17; B14-S04; D03-E; D03-E07; D03-H01L; D03-H01T;